



# County of San Diego

## DEPARTMENT OF PUBLIC WORKS

JOHN L. SNYDER  
DIRECTOR

5555 OVERLAND AVE, SUITE 2188  
SAN DIEGO, CALIFORNIA 92123-1295

(858) 694-2212 FAX: (858) 268-0461  
Web Site: [www.sdcounty.ca.gov/dpw/](http://www.sdcounty.ca.gov/dpw/)

April 30, 2009

### **CEQA Initial Study - Environmental Checklist Form (Based on the State CEQA Guidelines, Appendix G Rev. 10/04)**

1. Title; Project Number:  
East Los Coches Rd. Drainage Improvement Project; FCDT-00254
2. Lead agency name and address:  
County of San Diego, Department of Public Works  
5469 Kearny Villa Road, Suite 305  
San Diego, CA 92123
3. a. Contact: Lorrie Bradley, Environmental Planner  
b. Phone number: (858) 874-4055  
c. E-mail: [Lorrie.Bradley@sdcounty.ca.gov](mailto:Lorrie.Bradley@sdcounty.ca.gov).
4. Project location:

The proposed project is located just along East Los Coches Road between Highway 8 Business Route and Calle de Buena within the unincorporated community of Lakeside.

Thomas Brothers Coordinates: Page 1232-D7

5. Project Applicant name and address:  
  
County of San Diego, Department of Public Works  
Capital Improvement Project Development  
5555 Overland Drive, M.S. 0340  
San Diego, CA 92123
6. General Plan Designation  
Community Plan: Lakeside  
Land Use Designation: N/A

- Density: N/A
7. Zoning  
Use Regulation: N/A  
Minimum Lot Size: N/A  
Special Area Regulation: N/A

8. Description of project:

The proposed project would involve the replacement and improvement of RGP 53 drainage facility FC-29. The existing drainage facility is located along East Los Coches Road, between Highway 8 (Hwy 8) Business Route and Calle de Buena Fe.

The proposed project consists of the addition of a new headwall, wing wall and concrete apron to be constructed adjacent to the inlet for FC-29, located immediately east of Calle de Buena Fe. The proposed project would also involve the replacement of the reinforced box culverts (RCB) the run below Aurora Drive and Hwy 8, as well as widening of a portion of the existing concrete channel out the outlet of FC-29.

A new headwall segment and a new wing wall will be located at the existing inlet and will connect to the existing headwall. The combined headwall structure will serve as the inlet for FC-29, which will consist of the existing stormdrain and a new supplemental stormdrain that will be constructed under East Los Coches Road. Approximately 20 linear feet of the existing unlined channel, adjacent to the existing headwall, will be widened and the new headwall will be set back approximately 3.5 feet from the existing unlined channel edge. An 85 square foot concrete apron will be located at the inlet to the new supplemental stormdrain, of which 17 square feet will be located within the existing unlined channel and the remaining 68 square feet will be located on the adjacent unlined channel bank.

The new box culverts will consist of three (3) 5'x10' reinforced concrete box culverts (RCB) and one (1) 5'x8' RCB to be placed parallel to each other extending approximately 295 feet, 35 longer than the existing RCBs.

The portion of the concrete channel that is adjacent to the box culvert outlet will be replaced and widened. The width of the new concrete channel bottom will taper from 41 feet at the outlet of the box culverts down to eight feet where it will connect to the existing concrete channel. The overall width of the concrete channel at the top of slope, will taper from 40 feet at the outlet of the box culverts down to 20 feet where it meets the existing channel. The proposed widening of this portion of the existing concrete channel will result in approximately 849 square feet of improvements being added to this portion of the stormdrain facility.

Those portions of the proposed project that will result in the location of improvements in the existing unlined channel have previously been addressed

and mitigated as part of the RGP-53 program. Therefore, no additional mitigation would be required.

The new supplemental stormdrain, that will run under East Los Coches Road and parallel to the existing stormdrain facility, will replace the existing box culvert under Aurora Drive. The new stormdrain will vary between 24 inches and 66 inches in diameter, and will have an overall length of approximately 1,175 feet. The new supplemental stormdrain will connect to the four box culverts that will be placed under Aurora Drive. The new four box culverts will be replacing two existing box culverts that are undersized. The existing box culverts are located underground beginning just southeast of Aurora Drive and terminating just northwest of Hwy 8 Business Route. Stormwater will exit the new box culverts and enter the existing concrete channel north of Hwy 8. The new box culverts will consist of 3 five-foot by ten-foot reinforced concrete box culverts (RCB) and 1 five-foot by eight-foot RCB will be placed parallel to each other at the same location as the existing stormdrain facility, and will be approximately 295 feet in length.

Ancillary elements to the proposed project include the relocation of existing water, sewer (including lateral lines) and utility lines within the East Los Coches Road right-of-way, as well as acquisition of right-of-way for East Los Coches Road which would be widened by approximately nine feet to 10.2 feet to allow for the replacement of the curb, gutters, and sidewalks. The proposed project will provide a temporary construction staging area with a stabilized entrance at the eastern terminus of the project. The proposed project will be constructed in two phases in order to maintain proper traffic control and traffic movement through the area. Furthermore, the proposed project will require the acquisition of drainage and temporary construction easements.

9. Surrounding land uses and setting:

Surrounding land uses near the area of the drainage improvement project include residential to the north, south, southwest and east and commercial to the west. The topography of the area surrounding the project site is generally flat. The site is located within one third mile of Interstate 8.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

<b><u>Permit Type/Action</u></b>	<b><u>Agency</u></b>
401 Permit - Water Quality Certification	Regional Water Quality Control Board (RWQCB)
404 Permit – Dredge and Fill	US Army Corps of Engineers (ACOE)
1603 – Streambed Alteration Agreement	CA Department of Fish and Game (CDFG)
General Construction Storm water Permit	RWQCB

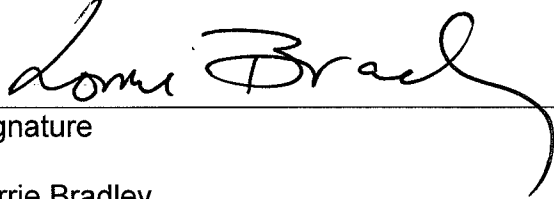
**ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:** The environmental factors checked below would be potentially affected by this project and involve at least one impact that is a "Potentially Significant Impact" or a "Less Than Significant With Mitigation Incorporated," as indicated by the checklist on the following pages.

☒ **NONE**

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> <u>Aesthetics</u>                      | <input type="checkbox"/> <u>Agricultural Resources</u>             | <input type="checkbox"/> <u>Air Quality</u>              |
| <input type="checkbox"/> <u>Biological Resources</u>            | <input type="checkbox"/> <u>Cultural Resources</u>                 | <input type="checkbox"/> <u>Geology &amp; Soils</u>      |
| <input type="checkbox"/> <u>Hazards &amp; Haz. Materials</u>    | <input type="checkbox"/> <u>Hydrology &amp; Water Quality</u>      | <input type="checkbox"/> <u>Land Use &amp; Planning</u>  |
| <input type="checkbox"/> <u>Mineral Resources</u>               | <input type="checkbox"/> <u>Noise</u>                              | <input type="checkbox"/> <u>Population &amp; Housing</u> |
| <input type="checkbox"/> <u>Public Services</u>                 | <input type="checkbox"/> <u>Recreation</u>                         | <input type="checkbox"/> <u>Transportation/Traffic</u>   |
| <input type="checkbox"/> <u>Utilities &amp; Service Systems</u> | <input type="checkbox"/> <u>Mandatory Findings of Significance</u> |  |

**DETERMINATION:** (To be completed by the Lead Agency)  
On the basis of this initial evaluation:

- ☒ On the basis of this Initial Study, the Department of Public Works finds that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☐ On the basis of this Initial Study, the Department of Public Works finds that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ On the basis of this Initial Study, the Department of Public Works finds that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.



Signature

Lorrie Bradley  
Printed Name

April 30, 2009

Date

Land Use/Environmental Planner  
Title

## **INSTRUCTIONS ON EVALUATION OF ENVIRONMENTAL IMPACTS**

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, Less Than Significant With Mitigation Incorporated, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
4. “Less Than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures. For effects that are “Less Than Significant With Mitigation Incorporated,” describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. The explanation of each issue should identify:
  - a) The significance criteria or threshold, if any, used to evaluate each question; and
  - b) The mitigation measure identified, if any, to reduce the impact to less than significance

**I. AESTHETICS** -- Would the project:

a) Have a substantial adverse effect on a scenic vista?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

A vista is a view from a particular location or composite views along a roadway or trail. Scenic vistas often refer to views of natural lands, but may also be compositions of natural and developed areas, or even entirely of developed and unnatural areas, such as a scenic vista of a rural town and surrounding agricultural lands. What is scenic to one person may not be scenic to another, so the assessment of what constitutes a scenic vista must consider the perceptions of a variety of viewer groups.

The items that can be seen within a vista are visual resources. Adverse impacts to individual visual resources or the addition of structures or developed areas may or may not adversely affect the vista. Determining the level of impact to a scenic vista requires analyzing the changes to the vista as a whole and also to individual visual resources.

**No Impact:** The project site is located within a commercial and residential area within a densely developed portion of Lakeside. Based on a site visit by County staff Lorrie Bradley on February 4, 2009, the proposed project is not located near or within, or visible from, a scenic vista and will not substantially change the composition of an existing scenic vista in a way that would adversely alter the visual quality or character of the view. Therefore, the proposed project will not have an adverse effect on a scenic vista.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

State scenic highways refer to those highways that are officially designated by the California Department of Transportation (Caltrans) as scenic ([Caltrans - California Scenic Highway Program](#)). Generally, the area defined within a State scenic highway is the land adjacent to and visible from the vehicular right-of-way. The dimension of a scenic highway is usually identified using a motorist's line of vision, but a reasonable boundary is selected when the view extends to the distant horizon. The scenic highway corridor extends to the visual limits of the landscape abutting the scenic highway.

**No Impact:** Based on a site visit completed by Lorrie Bradley on February 4, 2009, the proposed project is not located near or visible within the composite viewshed of a State scenic highway and will not damage or remove visual resources within a State scenic highway. The project site is located along residential and commercial streets within a densely developed area and cannot be seen from a State scenic highway. Therefore, the proposed project will not have any substantial adverse effect on a scenic resource within a State scenic highway. No project related impacts would occur.

- c) Substantially degrade the existing visual character or quality of the site and its surroundings?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not propose any permanent visible alterations to the visual environment, including landform modification. The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The existing channel is located underground; only the inlet and outlet will be visible from a limited viewshed. Therefore, the project will not alter the existing visual character or quality of the project site and surrounding area and no project related impacts would occur.

- d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not propose any use of outdoor lighting or building materials with highly reflective properties such as highly reflective glass or high-gloss surface colors. Therefore, the project will not create any new sources of light pollution that could contribute to skyglow, light trespass or glare and adversely affect day or nighttime views in area. No project related impacts would occur.

## **II. AGRICULTURAL RESOURCES** -- Would the project:

- a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance (Important Farmland), as shown on the maps prepared pursuant to

the Farmland Mapping and Monitoring Program of the California Resources Agency, or other agricultural resources, to non-agricultural use?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive.

The project site is mapped as "built-up/urban" and does not contain any agricultural resources, lands designated as Unique Farmland, or Farmland of Statewide or Local Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. The project is located on land designated as Prime Farmland; however, this designation is likely misapplied as a result of the large scale of the statewide mapping effort which assigns Farmland designations based on aerial photography and limited ground verification as the land in question is a small creek channel within an urban setting. There are no agricultural operations in this area. Therefore, no agricultural resources including Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance will be converted to a non-agricultural use and no project related impacts would occur.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site is zoned RS 4 and RR 2, both of which allow for agricultural uses. However, the proposed project will not result in a conflict in zoning for agricultural use, because the project area is currently developed. Additionally, the project site's land is not under a Williamson Act Contract. Therefore, the project does not conflict with existing zoning for agricultural use, or a Williamson Act Contract and results in a finding of no impact.

c) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Important Farmland or other agricultural resources, to non-agricultural use?



- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project site and surrounding area are developed with residential uses, and do not contain any active agricultural operations or lands designated as Unique Farmland, or Farmland of Statewide or Local Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. The project is located on land designated as Prime Farmland; however, this designation is likely misapplied as a result of the large scale of the statewide mapping effort which assigns Farmland designations based on aerial photography and limited ground verification as the land in question is a small creek channel within an urban setting. There are no agricultural operations in this area. No Prime Farmland, Unique Farmland, Farmland of Statewide or Local Importance, or active agricultural operations will be converted to a non-agricultural use. Therefore, the project will not result in impacts associated with the conversion of agricultural resources.

**III. AIR QUALITY** -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- a) Conflict with or obstruct implementation of the San Diego Regional Air Quality Strategy (RAQS) or applicable portions of the State Implementation Plan (SIP)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes development that was anticipated in SANDAG growth projections used in development of the RAQS and SIP. Construction of the project will result in temporary emissions of ozone precursors that were considered as a part of the RAQS. Once the construction phase has been completed, the project will not result in emissions. As such, the proposed project is not expected to conflict with either the RAQS or the SIP. In addition, the operational emissions from the project are below the screening levels, and subsequently will not violate ambient air quality standards. Therefore, any potential project related impacts that may occur are considered to be less than significant.

b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

In general, air quality impacts from land use projects are the result of emissions from motor vehicles, and from short-term construction activities associated with such projects. The San Diego County Land Use Environment Group (LUEG) has established guidelines for determining significance which incorporate the Air Pollution Control District's (SDAPCD) established screening-level criteria for all new source review (NSR) in APCD Rule 20.2. These screening-level criteria can be used as numeric methods to demonstrate that a project's total emissions (e.g. stationary and fugitive emissions, as well as emissions from mobile sources) would not result in a significant impact to air quality. Since APCD does not have screening-level criteria for emissions of volatile organic compounds (VOCs), the use of the screening level for reactive organic compounds (ROC) from the South Coast Air Quality Management District (SCAQMD) for the Coachella Valley (which are more appropriate for the San Diego Air Basin) are used.

**Less Than Significant Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The new box culvert will be placed in the same location as the existing pipe culvert. However, grading operations associated with the construction of the project are minimal. Emissions from the construction phase would be minimal, temporary and localized, resulting in pollutant emissions below the screening-level criteria established by the LUEG guidelines for determining significance. In addition, the proposed project will not result in additional Average Daily Trips (ADTs). As such, the project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation. Therefore, any potential project related impacts that do occur are considered to be less than significant.

c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

San Diego County is presently in non-attainment for the 1-hour concentrations under the California Ambient Air Quality Standard (CAAQS) for Ozone ( $O_3$ ). San Diego County is also presently in non-attainment for the annual geometric mean and for the 24-hour concentrations of Particulate Matter less than or equal to 10 microns ( $PM_{10}$ ) under the CAAQS.  $O_3$  is formed when volatile organic compounds (VOCs) and nitrogen oxides ( $NO_x$ ) react in the presence of sunlight. VOC sources include any source that burns fuels (e.g., gasoline, natural gas, wood, oil); solvents; petroleum processing and storage; and pesticides. Sources of  $PM_{10}$  in both urban and rural areas include: motor vehicles, wood burning stoves and fireplaces, dust from construction, landfills, agriculture, wildfires, brush/waste burning, and industrial sources of windblown dust from open lands.

**Less Than Significant Impact:** Air quality emissions associated with the project include emissions of  $PM_{10}$ ,  $NO_x$  and VOCs from construction/grading activities. However, grading operations associated with the construction of the project are minimal and of dust control measures would be implemented. Emissions from the construction phase would be minimal, localized and temporary resulting in  $PM_{10}$  and VOC emissions below the screening-level criteria established by the LUEG guidelines for determining significance.

Furthermore, a list of past, present and future projects within the surrounding area were evaluated and none of these projects emit significant amounts of criteria pollutants. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered. The proposed project as well as the past, present, and future projects within the surrounding area, have emissions below the screening-level criteria established by the LUEG guidelines for determining significance. Therefore, the construction and operational emissions associated with the proposed project are not expected to create a cumulatively considerable impact nor a considerable net increase of  $PM_{10}$ , or any  $O_3$  precursors.

d) Expose sensitive receptors to substantial pollutant concentrations?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

Air quality regulators typically define sensitive receptors as schools (Preschool-12<sup>th</sup> Grade), hospitals, resident care facilities, or day-care centers, or other facilities that may house individuals with health conditions that would be adversely impacted by changes in air quality. The County of San Diego also considers residences as sensitive receptors since they house children and the elderly

**Less Than Significant Impact:** The following sensitive receptors have been identified within a quarter-mile (the radius determined by the SCAQMD in which the dilution of pollutants is typically significant) of the proposed project: residential uses. However, this project does not propose uses or activities that would result in exposure of these identified sensitive receptors to significant pollutant concentrations and will not place sensitive receptors near carbon monoxide hotspots. In addition, the project will not contribute to a cumulatively considerable exposure of sensitive receptors to substantial pollutant concentrations because the proposed project as well as the listed projects have emissions below the screening-level criteria established by the LUEG guidelines for determining significance. Furthermore, once the installation of the storm drain is complete, the project will not produce any emissions. Therefore, the project will result in a less than significant impact associated with the exposure of sensitive receptors to substantial pollutant concentrations.

e) Create objectionable odors affecting a substantial number of people?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project could produce objectionable odors, which would result from volatile organic compounds, ammonia, carbon dioxide, hydrogen sulfide, methane, alcohols, aldehydes, amines, carbonyls, esters, disulfides dust and endotoxins from the construction and operational phases. However, these substances, if present at all, would only be in trace amounts (less than  $1 \mu\text{g}/\text{m}^3$ ). Therefore, the project will result in a less than significant impact with regard to exposing a substantial number of people to objectionable odors.

**IV. BIOLOGICAL RESOURCES** -- Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on an analysis of the County's Geographic Information System (GIS) records, the County's Comprehensive Matrix of Sensitive Species, site photos, a site visit by ESU staff on February 4, 2009, and a Biological Resources Letter Report dated April 2, 2009 prepared by URS Corp., County staff biologist, Lorrie Bradley, has determined that the site, surrounding area, supports minimal native vegetation, namely, freshwater marsh. However, staff has determined that removal of this habitat will not result in substantial adverse effects, either directly or through habitat modifications, to any candidate, sensitive or special status species for the following reasons: The portion of the channel to be impacted by the proposed project is subject to periodic disturbance for channel maintenance of flood control facilities authorized under the RGP 53 program (facility FC-29). In addition, the freshwater marsh is located within a channel that is largely concrete lined. The portion of the channel containing freshwater marsh is a small unlined section approximately 235 feet in length. The portion of the channel upstream (approximately 235' east) of the project is concrete lined. Downstream of the existing culvert, the channel goes underground into a storm drain that empties into and existing concrete lined channel. Therefore, no project related impacts to candidate, sensitive, or special status species would occur.

- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. Although a portion of the channel adjacent to the existing inlet contains a small amount of freshwater marsh, this portion of the channel is subject to periodic disturbance due to maintenance activities authorized by the Resource Agencies under the RGP 53 program (facility FC-29). Mitigation for impacts to the channel due to ongoing maintenance has been mitigated under RGP 53. In addition, the freshwater marsh is located within a channel that is largely concrete lined. The portion of the channel containing freshwater marsh is a small unlined section approximately 235 feet in length. The portion of the channel upstream (approximately 235' east) of the project is concrete lined. Downstream of the existing culvert, the channel goes underground into a storm drain that empties into and existing concrete lined channel. Therefore, no further mitigation is required and project-related impacts would be considered less than significant.

- c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project site contains a small amount of freshwater marsh, a habitat type subject to the provisions of Section 404 of the Clean Water Act. A site visit was conducted by County staff biologist Lorrie Bradley on February 4, 2009 and staff reviewed the wetland delineation prepared by URS Corporation, and determined the project to be in compliance with Section 404 of the Clean Water Act. The portion of the channel to be affected by the proposed project is subject to periodic disturbance from channel maintenance activities authorized and mitigated under the RGP 53 program (facility FC-29). Therefore, the proposed project will not result in a substantial adverse effect on federally protected wetlands and no further mitigation is required.

- d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on an analysis of the County's Geographic Information System (GIS) records, the County's Comprehensive Matrix of Sensitive Species, site photos, a site visit by ESU staff biologist Lorrie Bradley on February 4, 2009, as well as a Biological Resources Report dated April 2, 2009 prepared by URS Corporation, it has been determined that the site has limited biological value and impedance of the movement of any native resident or migratory fish or wildlife species, the use of an established native resident or migratory wildlife corridors, and the use of native wildlife nursery sites would not be expected as a result of the proposed project for the following reasons: The portion of the channel at the project site is highly disturbed and does not have much, if any, vegetative cover. In addition, the channel upstream and downstream of the project is lined with concrete and functions primarily as a stormwater conveyance system, does not contain suitable habitat for fish, and use as a corridor is limited to urban adapted species (i.e. raccoon). Therefore, no project related impacts would occur.

- e) Conflict with the provisions of any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan or any other local policies or ordinances that protect biological resources?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project is located within the limits of the County of San Diego Multiple Species Conservation Program (MSCP). Based on the findings dated April 24, 2009, the project has been found in conformance with the Biological Mitigation Ordinance (BMO) and Subarea Plan. The proposed project will not have significant adverse effects on sensitive species, and the County has made every effort to avoid impacts to sensitive resources. The portion of the channel to be affected by the proposed project is subject to periodic disturbance from channel maintenance activities authorized and mitigated under the RGP 53 program (facility FC-29) in accordance with the no-net loss wetland standard. Therefore, any project impacts as a result of inconsistency with adopted plans, policies or ordinances that protect biological resources would be considered to be less than significant.

**V. CULTURAL RESOURCES** -- Would the project:

- a) Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project will not impact historical resources, because prior grading of the project site has eliminated any potential for impacts to historical resources. Moreover, the site is vacant of buildings and does not support historical resources of any kind. In addition, based on an analysis of County of San Diego archaeology resource files, archaeological records, maps, and aerial photographs by County of San Diego staff archaeologist, Gay Hilliard it has been determined that the project site does not contain any historical resources. Therefore, the project would not result in impacts to historical resources.

- b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on an analysis of County of San Diego archaeology resource files, archaeological records, maps, and aerial photographs by County of San Diego staff archaeologist, Gay Hilliard, it has been determined that the project site does not contain any archaeological resources. In addition, prior grading of the project site has eliminated any potential for impacts to buried archaeological resources.

c) Directly or indirectly destroy a unique geologic feature?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

San Diego County has a variety of geologic environments and geologic processes which generally occur in other parts of the state, country, and the world. However, some features stand out as being unique in one way or another within the boundaries of the County.

**No Impact:** The site does not contain any unique geologic features that have been listed in the County's Guidelines for Determining Significance for Unique Geology Resources nor does the site support any known geologic characteristics that have the potential to support unique geologic features. Therefore, no project related impacts would occur to unique geological resources.

d) Directly or indirectly destroy a unique paleontological resource or site?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** A review of the County's Paleontological Resources Maps indicates that the project is located on a geological formation that has a marginal potential to contain paleontological resources. However, the proposed project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project area has been previously excavated and graded for the installation of the



existing storm drain, existing roads and development. Therefore, the proposed project will have no impact on paleontological resources.

e) Disturb any human remains, including those interred outside of formal cemeteries?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on an analysis of County of San Diego archaeology resource files, archaeological records, maps, and aerial photographs by County of San Diego staff archaeologist, Gay Hilliard, it has been determined that the project will not disturb any human remains because the project site does not include a formal cemetery or any archaeological resources that might contain interred human remains. In addition, prior grading of the project site has eliminated any potential for the presence of interred human remains.

**VI. GEOLOGY AND SOILS** -- Would the project:

a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

- i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project is not located in a fault rupture hazard zone identified by the Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997, Fault-Rupture Hazards Zones in California, or located within any other area with substantial evidence of a known fault. Therefore, no project related impacts from the exposure of people or structures to adverse effects from a known fault-rupture hazard zone would occur as a result of this project.

- ii. Strong seismic ground shaking?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less Than Significant Impact |
|---|---|

☐ Less Than Significant With Mitigation  
Incorporated ☒ No Impact

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. No new buildings or habitable structures are proposed as part of the project. Therefore, the project will not result in a potentially significant impact from the exposure of people or structures to potential adverse effects from strong seismic ground shaking.

iii. Seismic-related ground failure, including liquefaction?

☐ Potentially Significant Impact ☐ Less Than Significant Impact  
☐ Less Than Significant With Mitigation  
Incorporated ☒ No Impact

Discussion/Explanation:

**No Impact:** The project site is not within a "Potential Liquefaction Area" as identified in the County Guidelines for Determining Significance for Geologic Hazards. This indicates that the geologic environment of the project site is not susceptible to ground failure from seismic activity. In addition, the site is not underlain by poor artificial fill or located within a mapped floodplain. Therefore, there will be no impact from the exposure of people or structures to adverse effects from a known area susceptible to ground failure, including liquefaction.

iv. Landslides?

☐ Potentially Significant Impact ☒ Less Than Significant Impact  
☐ Less Than Significant With Mitigation  
Incorporated ☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The project site is within a "Landslide Susceptibility Area," as identified in the County Guidelines for Determining Significance for Geologic Hazards and has some areas that have slopes that are greater than 25 percent. Landslide Susceptibility Areas were developed based on landslide risk profiles included in the *Multi-Jurisdictional Hazard Mitigation Plan, San Diego, CA* (URS, 2004). Landslide risk areas from this plan were based on data including steep slopes (greater than 25 percent); soil series data (SANDAG based on USGS 1970s series); soil-slip susceptibility from USGS; and Landslide Hazard Zone Maps (limited to western portion

of the County) developed by the California Department of Conservation, Division of Mines and Geology (DMG).

While the project is located within an identified Landslide Susceptibility Area with a designation of "generally susceptible," the greatest height of any proposed slope as a result of grading to backfill the RCB is approximately eight feet, existing slopes adjacent to the road are of comparable size, and no structures are proposed at the foot of the slope that would be adversely impacted by the threat of landslides. In addition, no people would be anticipated to congregate at the foot of the slopes within the project area. Therefore, adverse impacts to structures or people due to the risk of landslides would be less than significant.

b) Result in substantial soil erosion or the loss of topsoil?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** According to the Soil Survey of San Diego County, the soils on-site are identified as Ramona sandy loam, 5 to 9 percent slopes (RaC), Visalia sandy loam, 2 to 5 percent slopes (VaB) and Fallbrook sandy loam, 9 to 15 percent slopes eroded (FeD2) that have a soil erodibility rating of "severe" as indicated by the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973. The new RCBs will be placed in the same location as the previous RCB and backfilled, and areas outside the roadway pavement would be replanted. While the project will result in minimal slopes as the new RCBs will be located underground. A backfilled area is necessary at the inlet to the new storm drain; however, the project will not result in unprotected erodible soils since the proposed slope would be hydroseeded and replanted. The proposed project will also comply with the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING). Due to these factors, it has been found that project impacts from substantial soil erosion or the loss of topsoil would not occur.

c) Will the project produce unstable geological conditions that will result in adverse impacts resulting from landslides, lateral spreading, subsidence, liquefaction or collapse?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** A minor slope will be created at the inlet to the new storm drain would be created as part of the project due to backfilling of imported material to cover the headwall and wingwalls, long-term BMPs, such as hydroseeding and planting with native plants would reduce risks from landslides. In addition, the project site currently has slopes of comparable size and is not located in an area considered highly susceptible to landslides. Therefore potential impacts from unstable geologic conditions would be less than significant. For further information refer to VI Geology and Soils, Question a., i-iv listed above.

- d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project is located on expansive soils as defined within Table 18-I-B of the Uniform Building Code (1994). This was confirmed by staff review of the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973. The soils on-site are DcD. However the project will not have any significant impacts because the project is not proposing any buildings or structures.

- e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project does not propose any septic tanks or alternative wastewater disposal systems since no wastewater will be generated.

**VII. HAZARDS AND HAZARDOUS MATERIALS** -- Would the project:

- a) Create a significant hazard to the public or the environment through the routine transport, storage, use, or disposal of hazardous materials or wastes or through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project will not create a significant hazard to the public or the environment because it does not propose the storage, use, transport, emission, or disposal of hazardous substances, nor are hazardous substances proposed or currently in use in the immediate vicinity. In addition, the project does not propose to demolish any existing structures onsite and therefore would not create a hazard related to the release of asbestos, lead based paint or other hazardous materials that may result from demolition activities. Therefore, the project will not result in impacts associated with exposure of people to hazardous substances or wastes.

- b) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project is not located within one-quarter mile of an existing or proposed school. Therefore, the project will not have any effect or result in impacts on an existing or proposed school. No project related impacts would occur.

- c) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5, or is otherwise known to have been subject to a release of hazardous substances and, as a result, would it create a significant hazard to the public or the environment?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Based on a site visit and regulatory database search, the project site has not been subject to a release of hazardous substances. The project site is not included in any of the following lists or databases: the State of California Hazardous Waste and Substances sites list compiled pursuant to Government Code Section 65962.5., the San Diego County Hazardous Materials Establishment database, the San Diego County DEH Site Assessment and Mitigation (SAM) Case Listing, the Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program Database ("CalSites" Envirostor Database), the Resource Conservation and Recovery Information System (RCRIS) listing, the EPA's Superfund CERCLIS database or the EPA's National Priorities List (NPL). Additionally, the project does not propose structures for human occupancy or significant linear excavation within 1,000 feet of an open, abandoned, or closed landfill, is not located on or within 250 feet of the boundary of a parcel identified as containing burn ash (from the historic burning of trash), is not on or within 1,000 feet of a Formerly Used Defense Site (FUDS), does not contain a leaking Underground Storage Tank, and is not located on a site with the potential for contamination from historic uses such as intensive agriculture, industrial uses, a gas station or vehicle repair shop. Therefore, the project would not create a significant hazard to the public or environment.

- d) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is not located within an Airport Land Use Compatibility Plan (ALUCP), a Comprehensive Land Use Plan (CLUP) or within two miles of a public airport. The project is located within a Federal Aviation Administration Height Notification Surface. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The proposed project will be subsurface and will not constitute a safety hazard to aircraft and/or operations from an airport or heliport. Therefore, the project will not constitute a safety hazard for people residing or working in the project area and no project related impacts would occur.

- e) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less Than Significant Impact |
|---|---|

- ☐ Less Than Significant With Mitigation Incorporated ☒ No Impact

Discussion/Explanation:

**No Impact:** The proposed project is not within one mile of a private airstrip. As a result, the project will not constitute a safety hazard for people residing or working in the project area. Therefore, no project related impacts would occur.

- f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

- ☐ Potentially Significant Impact ☐ Less Than Significant Impact  
☐ Less Than Significant With Mitigation Incorporated ☒ No Impact

Discussion/Explanation:

The following sections summarize the project's consistency with applicable emergency response plans or emergency evacuation plans.

- i. OPERATIONAL AREA EMERGENCY PLAN AND MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN:

**Less Than Significant Impact:** The Operational Area Emergency Plan is a comprehensive emergency plan that defines responsibilities, establishes an emergency organization, defines lines of communications, and is designed to be part of the statewide Standardized Emergency Management System. The Operational Area Emergency Plan provides guidance for emergency planning and requires subsequent plans to be established by each jurisdiction that has responsibilities in a disaster situation. The Multi-Jurisdictional Hazard Mitigation Plan includes an overview of the risk assessment process, identifies hazards present in the jurisdiction, hazard profiles, and vulnerability assessments. The plan also identifies goals, objectives and actions for each jurisdiction in the County of San Diego, including all cities and the County unincorporated areas. The project will not interfere with this plan because it will not prohibit subsequent plans from being established or prevent the goals and objectives of existing plans from being carried out. Therefore, the project will not result in impacts due to interference with an operational emergency plan or a multi-jurisdictional hazard mitigation plan and no project related impacts would occur.

- ii. SAN DIEGO COUNTY NUCLEAR POWER STATION EMERGENCY RESPONSE PLAN

**No Impact:** The San Diego County Nuclear Power Station Emergency Response Plan will not be interfered with by the project due to the location of the project, plant and the specific requirements of the plan. The emergency plan for the San Onofre Nuclear Generating Station includes an emergency planning zone within a ten-mile radius. All land area within

10 miles of the plant is not within the jurisdiction of the unincorporated County and as such a project in the unincorporated area is not expected to interfere with any response or evacuation. Therefore, the project will not result in impacts due to interference with a nuclear power station emergency response plan.

iii. OIL SPILL CONTINGENCY ELEMENT

**No Impact:** The Oil Spill Contingency Element will not be interfered with because the project is not located along the coastal zone or coastline. Therefore, no project related impacts would occur.

iv. EMERGENCY WATER CONTINGENCIES ANNEX AND ENERGY SHORTAGE RESPONSE PLAN

**No Impact:** The Emergency Water Contingencies Annex and Energy Shortage Response Plan will not be interfered with because the project does not propose altering major water or energy supply infrastructure, such as the California Aqueduct. Therefore, no project related impacts would occur.

v. DAM EVACUATION PLAN

**No Impact:** The Dam Evacuation Plan will not be interfered with because the project is not located within a dam inundation zone. Therefore, no project related impacts would occur.

- g) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The proposed project is completely surrounded by urbanized areas and/or irrigated lands and no wildlands are adjacent to the project. The project will not expose people or structures to a significant risk of loss, injury or death involving hazardous wildland fires. Therefore, no project related impacts would occur.

- h) Propose a use, or place residents adjacent to an existing or reasonably foreseeable use that would substantially increase current or future resident's exposure to vectors, including mosquitoes, rats or flies, which are capable of transmitting significant public health diseases or nuisances?



- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The existing storm drain does not adequately convey storm flows through the project area, resulting in ponding of water at the inlet. The new box culvert will better convey storm flows through the area, reducing the potential for standing water. Therefore, the project will not substantially increase current or future resident's exposure to vectors, including mosquitoes, rats or flies. Therefore, no project related impacts would occur.

**VIII. HYDROLOGY AND WATER QUALITY** -- Would the project:

a) Violate any waste discharge requirements?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The proposed project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive; which requires a NPDES General Construction Permit and a Water Quality Certification, both from the CA Regional Water Quality Control Board. The proposed project is required to implement site design measures and/or source control BMPs and/or treatment control BMPs as appropriate to reduce potential pollutants to the maximum extent practicable from entering storm water runoff. These measures will enable the project to meet waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. R9-2007-0001), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP).

Finally, the project's conformance to the waste discharge requirements listed above ensures the project will not create cumulatively considerable water quality impacts related to waste discharge because, through the permit, the project will conform to

Countywide watershed standards in the JURMP and SUSMP, derived from State regulation to address human health and water quality concerns. Therefore, the project will not contribute to a cumulatively considerable impact to water quality from waste discharges.

- b) Is the project tributary to an already impaired water body, as listed on the Clean Water Act Section 303(d) list? If so, could the project result in an increase in any pollutant for which the water body is already impaired?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project lies in the Coches hydrologic subarea (907.14), within the San Diego River hydrologic unit. According to the Clean Water Act Section 303(d) list, July 2003, although portions of the San Diego Bay are impaired for coliform bacteria, no portion of the Sweetwater River, which is tributary to the Bay, is impaired. Constituents of concern in the Sweetwater River watershed include coliform bacteria and trace metals; however the creek within in the project area is not listed as impaired.

The project proposes the following activities that are associated with these pollutants: construction activities including grading that could cause sediment and soils to be released off site and carried downstream from the project. However, site design measures and/or source control BMPs and/or treatment control BMPs will be employed such that potential pollutants will be reduced in any runoff to the maximum extent practicable so as not to increase the level of these pollutants in receiving waters.

The proposed project will not contribute to a cumulative impact to an already impaired water body, as listed on the Clean Water Act Section 303(d). Regional surface water and storm water permitting regulation for County of San Diego, Incorporated Cities of San Diego County, and San Diego Unified Port District includes the following: Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); County Storm water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). Collectively, these regulations establish standards for projects to follow which intend to improve water quality from headwaters to the deltas of each watershed in the County. Each project subject to WPO is required to prepare a Stormwater Management Plan that details a project's pollutant discharge contribution to a given watershed and propose BMPs or design measures to mitigate any impacts that may occur in the watershed. Therefore, any potential project related impacts that ay occur are considered to be less than significant.

- c) Could the proposed project cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project lies in the Coches hydrologic subarea (907.14), within the San Diego hydrologic unit that has the following existing and potential beneficial uses for inland surface waters, coastal waters, reservoirs and lakes, and ground water: municipal and domestic supply; agricultural supply; industrial process supply, industrial service supply; contact water recreation; non-contact water recreation; warm freshwater habitat; cold freshwater habitat; wildlife habitat; preservation of biological habitats of special significance; and rare, threatened, or endangered species habitat.

Construction activities including grading could cause sediment and soils to be released off site and carried downstream from the project. However, site design measures and/or source control and treatment control BMPs will be employed to reduce potential pollutants in runoff to the maximum extent practicable, such that the proposed project will not cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses. No project related impacts would occur.

- d) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project will not use any groundwater for any purpose, including irrigation, domestic or commercial demands. In addition, the project does not involve operations that would interfere substantially with groundwater recharge including, but not limited to the following: the project does not involve regional diversion of water to another groundwater basin; or diversion or

channelization of a stream course or waterway with impervious layers, such as concrete lining or culverts, for substantial distances (e.g. 0.25 mile). These activities and operations can substantially affect rates of groundwater recharge. Therefore, no impact to groundwater resources is anticipated.

- e) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. However, conveyance of storm water flows under Aurora Drive, East Los Coches and Highway 8 Business to an existing drainage would not significantly alter the existing drainage of the site and would not result in substantial erosion or siltation on- or off-site.

Minor erosion or siltation may occur during construction activities. The project is required to implement site design measures and/or source control BMPs and/or treatment control BMPs as appropriate to reduce potential pollutants to the maximum extent practicable from entering storm water runoff. These measures are proposed in the Conceptual Storm Water Pollution Control Plan and include, but are not limited to silt fencing, check dams, and straw waddles. These measures will control erosion and sedimentation and satisfy waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. R9-2007-0001), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP). The SWMP specifies and describes the implementation process of all BMPs that will address equipment operation and materials management, prevent the erosion process from occurring, and prevent sedimentation in any onsite and downstream drainage swales. The Department of Public Works will ensure that the Plan is implemented as proposed. Due to these factors, it has been found that the project will not result in significantly increased erosion or sedimentation potential and will not alter any drainage patterns of the site or area on- or off-site.

- f) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. Currently, the existing storm drain is unable to properly convey stormwater during large storm events. The proposed supplemental storm drain would properly convey these flows following storm events under Aurora Drive, East Los Coches and Highway 8 Business, resulting in less ponding and backup at the inlet. However, conveyance of these flows to an existing drainage would not significantly alter the existing drainage of the site and would not result in substantial erosion or siltation on- or off-site. The proposed project will not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site. Moreover, the project will not contribute to a cumulatively considerable alteration or a drainage pattern or increase in the rate or amount of runoff, because the project will substantially increase water surface elevation or runoff exiting the site, as detailed above. Therefore, no project related impacts would occur.

- g) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The new storm drain has been designed to adequately convey existing storm flows. The project does not propose to create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems. Therefore, no project related impacts would occur.

- h) Provide substantial additional sources of polluted runoff?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project has the potential to result in the release of polluted runoff from construction activities including grading that could cause sediment and soils to be released off site and carried downstream from the project. However, the site design measures and/or source control and treatment control BMPs will be employed such that potential pollutants and runoff will be reduced to the maximum extent practicable. These measures are proposed in the Conceptual Storm Water Pollution Control Plan and include but are not limited to silt fencing, check dams, straw waddles, temporary gravel construction entrances, inlet protection, gravel bags, and hydroseeding for slope stabilization. Refer to VIII Hydrology and Water Quality Questions a, b, c, for further information. Therefore, potential impacts from providing substantial sources of polluted runoff would be less than significant.

- i) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map, including County Floodplain Maps?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Drainage swales, which are mapped on a FEMA floodplain map, a County Floodplain Map, or have a watershed greater than 25 acres were identified downstream of the project site. However, the project is not proposing to place structures with a potential for human occupation within these areas and will not place access roads or other improvements which will limit access during flood events or affect downstream properties. The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The proposed project is design to alleviate the potential for flooding. Therefore, no project related impacts would occur.

- j) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project site is within a flood hazard area, as identified on the Flood Insurance Rate Map or County Floodplain Map; however, the project has been designed to adequately convey storm flows and alleviate the potential for flooding. In addition, the project is not proposing to place structures with a potential for human occupation within these flood hazard areas. Therefore, no impact to housing within a 100-year flood hazard area would occur and no project related impacts would occur.

- k) Expose people or structures to a significant risk of loss, injury or death involving flooding?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project site is within a flood hazard area, as identified on the County Floodplain Map. However, the project is not proposing to place structures with a potential for human occupation within these flood hazard areas. The purpose of the project is to alleviate the potential for flooding through installation of the supplemental storm drain. Therefore no impact to housing within a 100-year flood hazard area would occur.

- l) Expose people or structures to a significant risk of loss, injury or death involving flooding as a result of the failure of a levee or dam?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site lies outside a mapped dam inundation area for a major dam/reservoir within San Diego County. In addition, the project is not located

immediately downstream of a minor dam that could potentially flood the property. Therefore, the project will not expose people to a significant risk of loss, injury or death involving flooding. Therefore, no project related impacts would occur.

m) Inundation by seiche, tsunami, or mudflow?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

i. SEICHE

**No Impact:** The project site is not located along the shoreline of a lake or reservoir; therefore, could not be inundated by a seiche. Therefore, no project related impacts would occur.

ii. TSUNAMI

**No Impact:** The project site is located more than a mile from the coast; therefore, in the event of a tsunami, would not be inundated. Therefore, no project related impacts would occur.

iii. MUDFLOW

**No Impact:** Mudflow is type of landslide. The site is located within a streambed in a general landslide susceptibility zone, but is not considered highly susceptible. The geologic environment of the project area has a low probability to be located within an area of potential or pre-existing conditions that could become unstable in the event of seismic activity. In addition, though the project does propose land disturbance that has the potential to expose unprotected soils. In addition, the proposed embankments would be similar to the existing slopes in the project area and would not increase the likelihood of a mudflow. However, no structures or features that could accommodate congregations of people are proposed downstream of the project site. Therefore, it is not anticipated that the project will expose people or property to inundation due to a mudflow. No project related impacts would occur.

**IX. LAND USE AND PLANNING** -- Would the project:

a) Physically divide an established community?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |



Discussion/Explanation:

**No Impact:** The proposed project does not propose the introduction of new infrastructure such major roadways or water supply systems, or utilities to the area. Therefore, the proposed project will not significantly disrupt or divide the established community and no project related impacts would occur.

- b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The proposed project is consistent with all applicable land use plans, policies, or regulations of an agency with jurisdiction over the project, including the Clean Water Act, CA Fish and Game Code, local policies and ordinances, including the County's Multiple Species Conservation Program and policies identified in the Lakeside Community Plan. Therefore, no project related impacts would occur.

**X. MINERAL RESOURCES** -- Would the project:

- a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site has been classified by the California Department of Conservation – Division of Mines and Geology (Update of Mineral Land Classification: Aggregate Materials in the Western San Diego Production-Consumption Region, 1997) as an area of "Potential Mineral Resource Significance" (MRZ-3). However, the project site is surrounded by densely developed land uses including residential and commercial uses; which are incompatible to future extraction of mineral resources on the project

site. In addition, the new drainage facility will be located beneath existing roads. Therefore, implementation of the project will not result in the loss of availability of a known mineral resource that would be of value since the mineral resource has already been lost due to incompatible land uses. No project related impacts would occur.

- b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site is zoned RS4 and RV8, and C36; which are not considered to be Extractive Use Zones (S-82), nor do they have Impact Sensitive Land Use Designation (24) with an Extractive Land Use Overlay (25) (County Land Use Element, 2000). Therefore, no potentially significant loss of availability of a known mineral resource of locally important mineral resource recovery (extraction) site delineated on a local general plan, specific plan or other land use plan will occur as a result of this project. No project related impacts would occur.

**XI. NOISE** -- Would the project result in:

- a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project proposes an unmanned facility that would not include the use of any noise-generating equipment upon the completion of construction that could impact surrounding uses, including residential uses. In addition, the project does not propose any additional average daily traffic (ADT) volumes; therefore, the proposed project will have no traffic noise impacts.

Construction activities would involve a number of different operations and equipment including but not limited to earthwork including excavations, loading, and hauling of material with an excavator or backhoe, a bulldozer, and a number of trucks; concrete excavation including saw cutting; creation of roadway subdrains including earth excavation, placement of fabric and piping, and crushed rock dumping with an excavator, haul trucks, and rock dump trucks; and general construction activities. The

proposed project will not generate construction noise that may exceed the standards of the County of San Diego Noise Ordinance (Section 36-410). Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Therefore, there would be no significant construction noise impact to nearby residents or other uses.

b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not propose any of the following land uses that can be impacted by groundborne vibration or groundborne noise levels:

1. Buildings where low ambient vibration is essential for interior operation, including research and manufacturing facilities with special vibration constraints.
2. Residences and buildings where people normally sleep including hotels, hospitals, residences and where low ambient vibration is preferred.
3. Civic and institutional land uses including schools, churches, libraries, other institutions, and quiet office where low ambient vibration is preferred.
4. Concert halls for symphonies or other special use facilities where low ambient vibration is preferred.

Also, the project does not propose any major, new or expanded infrastructure such as mass transit, highways or major roadways or intensive extractive industry that could generate excessive groundborne vibration or groundborne noise levels on-site or in the surrounding area. Therefore, no project related impacts would occur.

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project is to replace and upgrade an existing storm drain system to accommodate storm flows in the project vicinity. The project is for an unmanned facility that does not support any noise-generating equipment. Therefore, the project would not result in a substantial permanent increase in existing ambient noise levels in the project vicinity. Therefore, no project related impacts would occur.

- d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project would involve the installation of upgraded underground drainage facilities to accommodate storm flows in the project vicinity and would not support any noise-generating equipment upon completion of construction. Temporary construction noise generated from the operation of heavy equipment and truck traffic would constitute the primary noise impact from the proposed project. The temporary increase over existing ambient levels for general construction noise is not expected to exceed the construction noise limits of the County of San Diego Noise Ordinance (Section 36-410); which are derived from State regulation to address human health and quality of life concerns. Therefore, potential impacts resulting from substantial temporary or periodic increase in existing ambient noise levels during project construction would be less than significant.

Finally, the project's conformance to the County of San Diego General Plan (Noise Element, Policy 4b ) and County of San Diego Noise Ordinance (Section 36-404 and 36.410) ensures the project will not create cumulatively considerable noise impacts, because the project will not exceed the local noise standards for noise sensitive areas; and the project will not exceed the applicable noise level limits at the property line or construction noise limits, derived from State regulation to address human health and quality of life concerns. Therefore, the project will not contribute to a cumulatively considerable temporary or periodic increase in ambient noise levels in the vicinity of the project site. Therefore, any potential project related impacts that may occur are considered to be less than significant.

- e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports or within two miles of a public airport or public use airport.

Therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels and no project related impacts would occur.

- f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is not located within a one-mile vicinity of a private airstrip; therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels. Therefore, no project related impacts would occur.

**XII. POPULATION AND HOUSING** -- Would the project:

- a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The current facility is undersized and is unable to accommodate the *existing* storm flows in the area. The proposed project will not induce substantial population growth in an area because the project does not propose any physical or regulatory change that would remove a restriction to or encourage population growth in an area including, but not limited to the following: new or extended infrastructure or public facilities; new commercial or industrial facilities; large-scale residential development; accelerated conversion of homes to commercial or multi-family use; or regulatory changes including General Plan amendments, specific plan amendments, zone reclassifications, sewer or water annexations; or LAFCO annexation actions.

- b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project will not displace any existing housing since the site is located within the road right-of-way for East Los Coches, Aurora Drive, and Highway Business 8 and areas within the PIA that are outside road right-of-way do not contain existing housing. Permanent drainage may be required for the project. The easements will not result in the displacement of any homes. Therefore, the project will have no impact on the displacement of substantial numbers of housing and no project related impacts would occur.

- c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project will not displace any existing housing since the site is located within the road right-of-way for East Los Coches, Aurora Drive, and Highway Business 8 and areas within the PIA that are outside road right-of-way do not contain existing housing. In addition, no housing or structure that accommodates large congregations of people currently exists within the PIA. Permanent drainage and slope easements may need to be acquired. However, the easements will not result in the displacement of any homes. Therefore, the project will have no impact on the displacement of substantial numbers of people.

### **XIII. PUBLIC SERVICES**

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause

significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance service ratios, response times or other performance objectives for any of the public services:

- i. Fire protection?
- ii. Police protection?
- iii. Schools?
- iv. Parks?
- v. Other public facilities?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project does not involve the construction of new or physically altered governmental facilities including, but not limited to fire protection facilities, sheriff facilities, schools, or parks in order to maintain acceptable service ratios, response times, other performance service ratios or objectives for any public services. The project will not have an adverse physical effect on the environment because the project does not require new or significantly altered services or facilities to be constructed. Therefore, no project related impacts would occur.

**XIV. RECREATION**

- a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project does not propose

any residential use, included but not limited to a residential subdivision, mobilehome park, or construction for a single-family residence that may increase the use of existing neighborhood and regional parks or other recreational facilities in the vicinity. Therefore, no project related impacts would occur.

- b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena and consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The project does not include recreational facilities or require the construction or expansion of recreational facilities. Therefore, the construction or expansion of recreational facilities cannot have an adverse physical effect on the environment and no project related impacts would occur.

**XV. TRANSPORTATION/TRAFFIC** -- Would the project:

- a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena and would not result in a long-term increase in traffic volumes or capacities along these roads. Therefore, the proposed project will have no long term direct or cumulative impacts on the existing traffic load and capacity of the street system.

The proposed project would generate short-term traffic during construction. Short-term traffic would include transport of heavy construction equipment to and from the project



site, truck traffic associated with hauling construction components and materials to the site and removal of spoils and/or debris, and construction workers commuting to and from the construction site. The project will be constructed in phases to maintain access to Los Coches Road from the surrounding neighborhoods according to the Traffic Control Plan that has been developed for the project. However, the temporary increase in vehicle trips redistributed during the construction period would be localized and minimal in volume. Therefore, construction period temporary impacts would be considered less than significant.

- b) Exceed, either individually or cumulatively, a level of service standard established by the County congestion management agency and/or as identified by the County of San Diego Transportation Impact Fee Program for designated roads or highways?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena and consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The proposed project will have no direct or cumulative impact on the level of service standard established by the County congestion management agency for designated roads or highways. Therefore, no project related impacts would occur.

- c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project is located outside of an Airport Influence Area and is not located within two miles of a public or public use airport; therefore, the project will not result in a change in air traffic patterns. Therefore, no project related impacts would occur.

- d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project will not permanently alter traffic patterns, roadway design, place incompatible uses (e.g., farm equipment) on existing roadways, or create or place curves, slopes or walls, which impede adequate sight distance on a road. Therefore no impact would occur due to design feature hazards.

e) Result in inadequate emergency access?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. According to the Traffic Control Plan prepared for the project, construction will occur in phases to maintain access at all times for local residents. Therefore, emergency access will be maintained for all homes and other facilities in the vicinity of the project site during this time and no impact to emergency access would occur.

f) Result in inadequate parking capacity?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** No on-site or off-site parking is required or proposed. The proposed project is drainage improvements along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The proposed project will not result in an insufficient parking capacity on-site or off-site. Therefore, no project related impacts would occur.

g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact | <input type="checkbox"/> Less Than Significant Impact |
|---|---|

- ☐ Less Than Significant With Mitigation Incorporated ☒ No Impact

Discussion/Explanation:

**No Impact:** The proposed project is replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The proposed drainage improvement project does not propose any hazards or barriers for bicyclists, pedestrians, or transit riders. The project will not conflict with adopted policies, plans, or programs supporting alternative transportation. Therefore, no project related impacts would occur.

**XVI. UTILITIES AND SERVICE SYSTEMS** -- Would the project:

- a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

- ☐ Potentially Significant Impact ☐ Less Than Significant Impact  
☐ Less Than Significant With Mitigation Incorporated ☒ No Impact

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project does not involve any uses that will discharge any wastewater to sanitary sewer or on-site wastewater systems (septic). Therefore, the project will not exceed any wastewater treatment requirements. Therefore, no project related impacts would occur.

- b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

- ☐ Potentially Significant Impact ☐ Less Than Significant Impact  
☐ Less Than Significant With Mitigation Incorporated ☒ No Impact

Discussion/Explanation:

**No Impact:** The proposed project would involve replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project does not include new or expanded water or wastewater treatment facilities that could cause significant environmental effects. Therefore, no project related impacts would occur.

- c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project consists of the addition of a supplemental storm drain, which will run under East Los Coches Road parallel to the existing storm drain system, and replacement of the box culverts under Aurora Drive. The existing drainage facility does not properly convey stormwater flows from large storm events. The box culvert is designed to adequately convey the existing storm flows. In addition, the project has not been designed to allow for increased flows due to additional residential, commercial, or industrial uses. Therefore, the project will not require any construction of new or expanded facilities to convey more than existing flows, which could cause significant environmental effects and no project related impacts would occur.

- d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The proposed project does not involve or require water services from a water district. The project is the replacement of an existing drainage facility that does rely on water service for any purpose. Therefore, no project related impacts would occur.

- e) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena. The project will not require and will not interfere with any wastewater treatment provider's service capacity. Therefore, no project related impacts would occur.

- f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less than Significant Impact:** The proposed project would involve the replacement and improvement of the drainage facilities along East Los Coches Road between Hwy 8 Business Route and Calle de Buena and will not generate any solid waste upon completion of construction. Implementation of the project will generate solid waste during construction. Pavement, concrete waste, and other materials generated from demolition of existing facilities are not expected to place any burden on the existing permitted capacity of any landfill or transfer station within San Diego County. Therefore, potential impacts to solid waste facilities would be considered less than significant.

- g) Comply with federal, state, and local statutes and regulations related to solid waste?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** Implementation of the project will generate solid waste during the construction phase of the project. All solid waste facilities, including landfills, require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). The project will deposit all solid waste generated during construction at a permitted solid waste facility and therefore, will comply with Federal, State, and local statutes and regulations related to solid waste. Therefore, no project related impacts would occur.

**XVII. MANDATORY FINDINGS OF SIGNIFICANCE:**

- a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** Per the instructions for evaluating environmental impacts in this Initial Study, the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory were considered in the response to each question in sections IV and V of this form. In addition to project specific impacts, this evaluation considered the projects potential for significant cumulative effects. There is no substantial evidence that there are biological or cultural resources that are significantly affected or associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

- b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less Than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The following list of past, present and future projects were considered and evaluated as a part of this Initial Study:

PROJECT NAME	PERMIT/MAP NUMBER
Honeycutt Administrative Permit	AD 99-023
Ekard Administrative Permit	AD 02-022
Foothills United Methodist Church	P 72-337
Helix/Nextel Administrative Permit	AD 01-040

Per the instructions for evaluating environmental impacts in this Initial Study, the potential for adverse cumulative effects were considered in the response to each question in sections I through XVI of this form. In addition to project specific impacts, this evaluation considered the projects potential for incremental effects that are cumulatively considerable. As a result of this evaluation, there is no substantial evidence that there are cumulative effects associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

- ☐ Potentially Significant Impact      ☒ Less Than Significant Impact  
☐ Less Than Significant With Mitigation Incorporated      ☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** In the evaluation of environmental impacts in this Initial Study, the potential for adverse direct or indirect impacts to human beings were considered in the response to certain questions in sections I. Aesthetics, III. Air Quality, VI. Geology and Soils, VII. Hazards and Hazardous Materials, VIII Hydrology and Water Quality XI. Noise, XII. Population and Housing, and XV. Transportation and Traffic. As a result of this evaluation, there is no substantial evidence that there are adverse effects on human beings associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

## **XVIII. REFERENCES USED IN THE COMPLETION OF THE INITIAL STUDY CHECKLIST**

All references to Federal, State and local regulation are available on the Internet. For Federal regulation refer to <http://www4.law.cornell.edu/uscode/>. For State regulation refer to [www.leginfo.ca.gov](http://www.leginfo.ca.gov). For County regulation refer to [www.amlegal.com](http://www.amlegal.com). All other references are available upon request.

### **AESTHETICS**

California Street and Highways Code [California Street and Highways Code, Section 260-283.  
(<http://www.leginfo.ca.gov/>)

California Scenic Highway Program, California Streets and Highways Code, Section 260-283.  
(<http://www.dot.ca.gov/hq/LandArch/scenic/scpr.htm>)

County of San Diego, Department of Planning and Land Use. The Zoning Ordinance of San Diego County. Sections 5200-5299; 5700-5799; 5900-5910, 6322-6326.  
([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Board Policy I-73: Hillside Development Policy. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Board Policy I-104: Policy and Procedures for Preparation of Community Design

Guidelines, Section 396.10 of the County Administrative Code and Section 5750 et seq. of the County Zoning Ordinance. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, General Plan, Scenic Highway Element VI and Scenic Highway Program. ([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego Light Pollution Code, Title 5, Division 9 (Sections 59.101-59.115 of the County Code of Regulatory Ordinances) as added by Ordinance No 6900, effective January 18, 1985, and amended July 17, 1986 by Ordinance No. 7155. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego Wireless Communications Ordinance [San Diego County Code of Regulatory Ordinances. ([www.amlegal.com](http://www.amlegal.com))

Design Review Guidelines for the Communities of San Diego County. (Alpine, Bonsall, Fallbrook, Julian, Lakeside, Ramona, Spring Valley, Sweetwater, Valley Center).

Federal Communications Commission, Telecommunications Act of 1996 [Telecommunications Act of 1996, Pub. L.A. No. 104-104, 110 Stat. 56 (1996). (<http://www.fcc.gov/Reports/tcom1996.txt>)

Institution of Lighting Engineers, Guidance Notes for the Reduction of Light Pollution, Warwickshire, UK, 2000 (<http://www.dark-skies.org/ile-gd-e.htm>)

International Light Inc., Light Measurement Handbook, 1997. ([www.intl-light.com](http://www.intl-light.com))

Rensselaer Polytechnic Institute, Lighting Research Center, National Lighting Product Information Program (NLPIP), Lighting Answers, Volume 7, Issue 2, March 2003. ([www.lrc.rpi.edu](http://www.lrc.rpi.edu))

US Census Bureau, Census 2000, Urbanized Area Outline Map, San Diego, CA. (<http://www.census.gov/geo/www/maps/ua2kmaps.htm>)

US Department of the Interior, Bureau of Land Management (BLM) modified Visual Management System. ([www.blm.gov](http://www.blm.gov))

US Department of Transportation, Federal Highway Administration (FHWA) Visual Impact Assessment for Highway Projects.

US Department of Transportation, National Highway System Act of 1995 [Title III, Section 304. Design Criteria for the National Highway System. (<http://www.fhwa.dot.gov/legisregs/nhsdatoc.html>)

#### AGRICULTURE RESOURCES

California Department of Conservation, Farmland Mapping and Monitoring Program, "A Guide to the Farmland Mapping and Monitoring Program," November 1994. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Office of Land Conversion, "California Agricultural Land Evaluation and Site Assessment Model Instruction Manual," 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Farmland Conservancy Program, 1996. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Land Conservation (Williamson) Act, 1965. ([www.ceres.ca.gov](http://www.ceres.ca.gov), [www.consrv.ca.gov](http://www.consrv.ca.gov))

California Right to Farm Act, as amended 1996. ([www.qp.gov.bc.ca](http://www.qp.gov.bc.ca))

County of San Diego Agricultural Enterprises and Consumer Information Ordinance, 1994, Title 6, Division 3, Ch. 4. Sections 63.401-63.408. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Department of Agriculture, Weights and Measures, "2002 Crop Statistics and Annual Report," 2002. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

United States Department of Agriculture, Natural Resource Conservation Service LESA System. ([www.nrcs.usda.gov](http://www.nrcs.usda.gov), [www.swcs.org](http://www.swcs.org)).

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973. ([soils.usda.gov](http://soils.usda.gov))

#### AIR QUALITY

CEQA Air Quality Analysis Guidance Handbook, South Coast Air Quality Management District, Revised November 1993. ([www.aqmd.gov](http://www.aqmd.gov))

County of San Diego Air Pollution Control District's Rules and Regulations, updated August 2003. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Federal Clean Air Act US Code; Title 42; Chapter 85 Subchapter 1. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

#### BIOLOGY

California Department of Fish and Game (CDFG). Southern California Coastal Sage Scrub Natural Community Conservation Planning Process Guidelines. CDFG and California Resources Agency, Sacramento, California. 1993. ([www.dfg.ca.gov](http://www.dfg.ca.gov))

County of San Diego, An Ordinance Amending the San Diego County Code to Establish a Process for Issuance of the Coastal Sage Scrub Habitat Loss Permits and Declaring the Urgency Thereof to Take Effect Immediately, Ordinance No. 8365. 1994, Title 8, Div 6, Ch. 1. Sections 86.101-86.105, 87.202.2. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Biological Mitigation Ordinance, Ord. Nos. 8845, 9246, 1998 (new series). ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Implementing Agreement by and between United States Fish and Wildlife Service, California Department of Fish and Game and County of San Diego. County of San Diego, Multiple Species Conservation Program, 1998.

County of San Diego, Multiple Species Conservation Program, County of San Diego Subarea Plan, 1997.

Holland, R.R. Preliminary Descriptions of the Terrestrial Natural Communities of California. State of California, Resources Agency, Department of Fish and Game, Sacramento, California, 1986.

Memorandum of Understanding [Agreement Between United States Fish and Wildlife Service (USFWS), California Department of Fish and Game (CDFG), California Department of Forestry and Fire Protection (CDF), San Diego County Fire Chief's Association and the Fire District's Association of San Diego County.

Stanislaus Audubon Society, Inc. v County of Stanislaus (5<sup>th</sup> Dist. 1995) 33 Cal.App.4<sup>th</sup> 144, 155-159 [39 Cal. Rptr.2d 54]. ([www.ceres.ca.gov](http://www.ceres.ca.gov))

URS Corporation, East Los Coches Drainage Improvement Project Biological Resource Letter Report, April 2009.



U.S. Army Corps of Engineers Environmental Laboratory. Corps of Engineers Wetlands Delineation Manual. U.S. Army Corps of Engineers, Wetlands Research Program Technical Report Y-87-1. 1987. (<http://www.wes.army.mil/>)

U.S. Environmental Protection Agency. America's wetlands: our vital link between land and water. Office of Water, Office of Wetlands, Oceans and Watersheds. EPA843-K-95-001. 1995b. ([www.epa.gov](http://www.epa.gov))

U.S. Fish and Wildlife Service and National Marine Fisheries Service. Habitat Conservation Planning Handbook. Department of Interior, Washington, D.C. 1996. ([endangered.fws.gov](http://endangered.fws.gov))

U.S. Fish and Wildlife Service and National Marine Fisheries Service. Consultation Handbook: Procedures for Conducting Consultation and Conference Activities Under Section 7 of the Endangered Species Act. Department of Interior, Washington, D.C. 1998. ([endangered.fws.gov](http://endangered.fws.gov))

U.S. Fish and Wildlife Service. Environmental Assessment and Land Protection Plan for the Vernal Pools Stewardship Project. Portland, Oregon. 1997.

U.S. Fish and Wildlife Service. Vernal Pools of Southern California Recovery Plan. U.S. Department of Interior, Fish and Wildlife Service, Region One, Portland, Oregon, 1998. ([ecos.fws.gov](http://ecos.fws.gov))

U.S. Fish and Wildlife Service. Birds of conservation concern 2002. Division of Migratory. 2002. ([migratorybirds.fws.gov](http://migratorybirds.fws.gov))

#### CULTURAL RESOURCES

California Health & Safety Code. §18950-18961, State Historic Building Code. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §5020-5029, Historical Resources. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §7050.5, Human Remains. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Native American Graves Protection and Repatriation Act, (AB 978), 2001. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code §5024.1, Register of Historical Resources. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5031-5033, State Landmarks. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5097-5097.6, Archaeological, Paleontological, and Historic Sites. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5097.9-5097.991, Native American Heritage. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

City of San Diego. Paleontological Guidelines. (revised) August 1998.

County of San Diego, Local Register of Historical Resources (Ordinance 9493), 2002. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Demere, Thomas A., and Stephen L. Walsh. Paleontological Resources San Diego County. Department of Paleontology, San Diego Natural History Museum. 1994.

Moore, Ellen J. Fossil Mollusks of San Diego County. San Diego Society of Natural history. Occasional; Paper 15. 1968.

U.S. Code including: American Antiquities Act (16 USC §431-433) 1906. Historic Sites, Buildings, and Antiquities

Act (16 USC §461-467), 1935. Reservoir Salvage Act (16 USC §469-469c) 1960. Department of Transportation Act (49 USC §303) 1966. National Historic Preservation Act (16 USC §470 et seq.) 1966. National Environmental Policy Act (42 USC §4321) 1969. Coastal Zone Management Act (16 USC §1451) 1972. National Marine Sanctuaries Act (16 USC §1431) 1972. Archaeological and Historical Preservation Act (16 USC §469-469c) 1974. Federal Land Policy and Management Act (43 USC §35) 1976. American Indian Religious Freedom Act (42 USC §1996 and 1996a) 1978. Archaeological Resources Protection Act (16 USC §470aa-mm) 1979. Native American Graves Protection and Repatriation Act (25 USC §3001-3013) 1990. Intermodal Surface Transportation Efficiency Act (23 USC §101, 109) 1991. American Battlefield Protection Act (16 USC 469k) 1996. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

#### GEOLOGY & SOILS

California Department of Conservation, Division of Mines and Geology, California Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Division of Mines and Geology, Fault-Rupture Hazard Zones in California, Special Publication 42, revised 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Division of Mines and Geology, Special Publication 117, Guidelines for Evaluating and Mitigating Seismic Hazards in California, 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

County of San Diego Code of Regulatory Ordinances Title 6, Division 8, Chapter 3, Septic Ranks and Seepage Pits. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego Department of Environmental Health, Land and Water Quality Division, February 2002. On-site Wastewater Systems (Septic Systems): Permitting Process and Design Criteria. ([www.sdcounty.ca.gov](http://www.sdcounty.ca.gov))

County of San Diego Natural Resource Inventory, Section 3, Geology.

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973. ([soils.usda.gov](http://soils.usda.gov))

#### HAZARDS & HAZARDOUS MATERIALS

American Planning Association, Zoning News, "Saving Homes from Wildfires: Regulating the Home Ignition Zone," May 2001.

California Building Code (CBC), Seismic Requirements, Chapter 16 Section 162. ([www.buildersbook.com](http://www.buildersbook.com))

California Education Code, Section 17215 and 81033. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Government Code. § 8585-8589, Emergency Services Act. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Hazardous Waste and Substances Site List. April 1998. ([www.dtsc.ca.gov](http://www.dtsc.ca.gov))

California Health & Safety Code Chapter 6.95 and §25117 and §25316. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code § 2000-2067. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §17922.2. Hazardous Buildings. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Utilities Code, SDCRAA. Public Utilities Code, Division 17, Sections 170000-170084. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Resources Agency, "OES Dam Failure Inundation Mapping and Emergency Procedures Program", 1996. ([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego, Consolidated Fire Code Health and Safety Code §13869.7, including Ordinances of the 17 Fire Protection Districts as Ratified by the San Diego County Board of Supervisors, First Edition, October 17, 2001 and Amendments to the Fire Code portion of the State Building Standards Code, 1998 Edition.

County of San Diego, Department of Environmental Health Community Health Division Vector Surveillance and Control. Annual Report for Calendar Year 2002. March 2003. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego, Department of Environmental Health, Hazardous Materials Division. California Accidental Release Prevention Program (CalARP) Guidelines. (<http://www.sdcountry.ca.gov/>, [www.oes.ca.gov](http://www.oes.ca.gov))

County of San Diego, Department of Environmental Health, Hazardous Materials Division. Hazardous Materials Business Plan Guidelines. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego Code of Regulatory Ordinances, Title 3, Div 5, CH. 3, Section 35.39100.030, Wildland/Urban Interface Ordinance, Ord. No.9111, 2000. ([www.amlegal.com](http://www.amlegal.com))

Robert T. Stafford Disaster Relief and Emergency Assistance Act as amended October 30, 2000, US Code, Title 42, Chapter 68, 5121, et seq. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

Unified San Diego County Emergency Services Organization Operational Area Emergency Plan, March 2000.

Unified San Diego County Emergency Services Organization Operational Area Energy Shortage Response Plan, June 1995.

Uniform Building Code. ([www.buildersbook.com](http://www.buildersbook.com))

Uniform Fire Code 1997 edition published by the Western Fire Chiefs Association and the International Conference of Building Officials, and the National Fire Protection Association Standards 13 & 13-D, 1996 Edition, and 13-R, 1996 Edition. ([www.buildersbook.com](http://www.buildersbook.com))

## HYDROLOGY & WATER QUALITY

American Planning Association, Planning Advisory Service Report Number 476 Non-point Source Pollution: A Handbook for Local Government

California Department of Water Resources, California Water Plan Update. Sacramento: Dept. of Water Resources State of California. 1998. ([rubicon.water.ca.gov](http://rubicon.water.ca.gov))

California Department of Water Resources, California's Groundwater Update 2003 Bulletin 118, April 2003. ([www.groundwater.water.ca.gov](http://www.groundwater.water.ca.gov))

California Department of Water Resources, Water Facts, No. 8, August 2000. ([www.dpla2.water.ca.gov](http://www.dpla2.water.ca.gov))

California Disaster Assistance Act. Government Code, § 8680-8692. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California State Water Resources Control Board, NPDES General Permit Nos. CAS000001 INDUSTRIAL

ACTIVITIES (97-03-DWQ) and CAS000002 Construction Activities (No. 99-08-DWQ) ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

California Storm Water Quality Association, California Storm Water Best Management Practice Handbooks, 2003.

California Water Code, Sections 10754, 13282, and 60000 et seq. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

Colorado River Basin Regional Water Quality Control Board, Region 7, Water Quality Control Plan. ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

County of San Diego Regulatory Ordinance, Title 8, Division 7, Grading Ordinance. Grading, Clearing and Watercourses. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Groundwater Ordinance. #7994. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov), <http://www.amlegal.com/>)

County of San Diego, Project Clean Water Strategic Plan, 2002. ([www.projectcleanwater.org](http://www.projectcleanwater.org))

County of San Diego, Watershed Protection, Storm Water Management, and Discharge Control Ordinance, Ordinance Nos. 9424 and 9426. Chapter 8, Division 7, Title 6 of the San Diego County Code of Regulatory Ordinances and amendments. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego. Board of Supervisors Policy I-68. Diego Proposed Projects in Flood Plains with Defined Floodways. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Federal Water Pollution Control Act (Clean Water Act), 1972, Title 33, Ch.26, Sub-Ch.1. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

Freeze, Allan and Cherry, John A., Groundwater, Prentice-Hall, Inc. New Jersey, 1979.

Heath, Ralph C., Basic Ground-Water Hydrology, United States Geological Survey Water-Supply Paper; 2220, 1991.

National Flood Insurance Act of 1968. ([www.fema.gov](http://www.fema.gov))

National Flood Insurance Reform Act of 1994. ([www.fema.gov](http://www.fema.gov))

Porter-Cologne Water Quality Control Act, California Water Code Division 7. Water Quality. ([ceres.ca.gov](http://ceres.ca.gov))

Rick Engineering Company, Minor Stormwater Management Plan for 70% Submittal for East Los Coches Road Drainage Improvements, March 2009.

San Diego Association of Governments, Water Quality Element, Regional Growth Management Strategy, 1997. ([www.sandag.org](http://www.sandag.org))

San Diego Regional Water Quality Control Board, NPDES Permit No. CAS0108758. ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

San Diego Regional Water Quality Control Board, Water Quality Control Plan for the San Diego Basin. ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

## LAND USE & PLANNING

California Department of Conservation Division of Mines and Geology, Open File Report 96-04, Update of Mineral Land Classification: Aggregate Materials in the Western San Diego County Production Consumption Region, 1996. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Environmental Quality Act, CEQA Guidelines, 2003. ([ceres.ca.gov](http://ceres.ca.gov))

California Environmental Quality Act, Public Resources Code 21000-21178; California Code of Regulations, Guidelines for Implementation of CEQA, Appendix G, Title 14, Chapter 3, §15000-15387. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California General Plan Glossary of Terms, 2001. ([ceres.ca.gov](http://ceres.ca.gov))

California State Mining and Geology Board, SP 51, California Surface Mining and Reclamation Policies and Procedures, January 2000. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

County of San Diego Code of Regulatory Ordinances, Title 8, Zoning and Land Use Regulations. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Board of Supervisors Policy I-84: Project Facility. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego, Board Policy I-38, as amended 1989. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego, Department of Planning and Land Use. The Zoning Ordinance of San Diego County. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, General Plan as adopted and amended from September 29, 1971 to April 5, 2000. ([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego. Resource Protection Ordinance, compilation of Ord.Nos. 7968, 7739, 7685 and 7631. 1991.

Design Review Guidelines for the Communities of San Diego County.

Guide to the California Environmental Quality Act (CEQA) by Michael H. Remy, Tina A. Thomas, James G. Moore, and Whitman F. Manley, Point Arena, CA: Solano Press Books, 1999. ([ceres.ca.gov](http://ceres.ca.gov))

#### MINERAL RESOURCES

National Environmental Policy Act, Title 42, 36.401 et. seq. 1969. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

Subdivision Map Act, 2003. ([ceres.ca.gov](http://ceres.ca.gov))

U.S. Geologic Survey, Causey, J. Douglas, 1998, MAS/MILS Mineral Location Database.

U.S. Geologic Survey, Frank, David G., 1999, (MRDS) Mineral Resource Data System.

#### NOISE

California State Building Code, Part 2, Title 24, CCR, Appendix Chapter 3, Sound Transmission Control, 1988. . ([www.buildersbook.com](http://www.buildersbook.com))

County of San Diego Code of Regulatory Ordinances, Title 3, Div 6, Chapter 4, Noise Abatement and Control, effective February 4, 1982. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego General Plan, Part VIII, Noise Element, effective December 17, 1980. ([ceres.ca.gov](http://ceres.ca.gov))

Federal Aviation Administration, Federal Aviation Regulations, Part 150 Airport Noise Compatibility Planning (revised January 18, 1985). (<http://www.access.gpo.gov/>)

Harris Miller Miller and Hanson Inc., *Transit Noise and Vibration Impact Assessment*, April 1995. (<http://ntl.bts.gov/data/rail05/rail05.html>)

International Standard Organization (ISO), ISO 362; ISO 1996 1-3; ISO 3095; and ISO 3740-3747. ([www.iso.ch](http://www.iso.ch))

U.S. Department of Transportation, Federal Highway Administration, Office of Environment and Planning, Noise and Air Quality Branch. "Highway Traffic Noise Analysis and Abatement Policy and Guidance," Washington, D.C., June 1995. (<http://www.fhwa.dot.gov/>)

#### POPULATION & HOUSING

Housing and Community Development Act of 1974, 42 USC 5309, Title 42--The Public Health And Welfare, Chapter 69--Community Development, United States Congress, August 22, 1974. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

National Housing Act (Cranston-Gonzales), Title 12, Ch. 13. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

San Diego Association of Governments Population and Housing Estimates, November 2000. ([www.sandag.org](http://www.sandag.org))

US Census Bureau, Census 2000. (<http://www.census.gov/>)

#### RECREATION

County of San Diego Code of Regulatory Ordinances, Title 8, Division 10, Chapter PLDO, §810.101 et seq. Park Lands Dedication Ordinance. ([www.amlegal.com](http://www.amlegal.com))

#### TRANSPORTATION/TRAFFIC

California Aeronautics Act, Public Utilities Code, Section 21001 et seq. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Department of Transportation, Division of Aeronautics, California Airport Land Use Planning Handbook, January 2002.

California Department of Transportation, Environmental Program Environmental Engineering – Noise, Air Quality, and Hazardous Waste Management Office. "Traffic Noise Analysis Protocol for New Highway Construction and Reconstruction Projects," October 1998. ([www.dot.ca.gov](http://www.dot.ca.gov))

California Public Utilities Code, SDCRAA. Public Utilities Code, Division 17, Sections 170000-170084. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Street and Highways Code. California Street and Highways Code, Section 260-283. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

County of San Diego, Alternative Fee Schedules with Pass-By Trips Addendum to Transportation Impact Fee Reports, March 2005. (<http://www.sdcountry.ca.gov/dpw/land/pdf/TransImpactFee/attacha.pdf>)

County of San Diego Transportation Impact Fee Report. January 2005. (<http://www.sdcountry.ca.gov/dpw/permits-forms/manuals.html>)

Fallbrook & Ramona Transportation Impact Fee Report, County of San Diego, January 2005. (<http://www.sdcountry.ca.gov/dpw/permits-forms/manuals.html>)

Office of Planning, Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, April 1995.

San Diego Association of Governments, 2020 Regional Transportation Plan. Prepared by the San Diego Association of Governments. ([www.sandag.org](http://www.sandag.org))

San Diego Association of Governments, Comprehensive Land Use Plan for Borrego Valley Airport (1986), Brown Field (1995), Fallbrook Community Airpark (1991),

Gillespie Field (1989), McClellan-Palomar Airport (1994).  
([www.sandag.org](http://www.sandag.org))

US Code of Federal Regulations, Federal Aviation  
Regulations (FAR), Objects Affecting Navigable Airspace,  
Title 14, Chapter 1, Part 77. ([www.gpoaccess.gov](http://www.gpoaccess.gov))

#### **UTILITIES & SERVICE SYSTEMS**

California Code of Regulations (CCR), Title 14. Natural  
Resources Division, CIWMB Division 7; and Title 27,  
Environmental Protection Division 2, Solid Waste.  
([ccr.oal.ca.gov](http://ccr.oal.ca.gov))

California Integrated Waste Management Act. Public  
Resources Code, Division 30, Waste Management,  
Sections 40000-41956. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

County of San Diego, Board of Supervisors Policy I-78:  
Small Wastewater. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

Unified San Diego County Emergency Services Organization  
Annex T Emergency Water Contingencies, October 1992.  
([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

United States Department of Agriculture, Natural Resource  
Conservation Service LESA System.

United States Department of Agriculture, Soil Survey for the  
San Diego Area, California. 1973.

US Census Bureau, Census 2000.

US Code of Federal Regulations, Federal Aviation  
Regulations (FAR), Objects Affecting Navigable Airspace,  
Title 14, Chapter 1, Part 77.

US Department of the Interior, Bureau of Land Management  
(BLM) modified Visual Management System.

US Department of Transportation, Federal Highway  
Administration (FHWA) Visual Impact Assessment for  
Highway Projects.